## **ABSTRACT**

Methods and materials for preparing irreversible inhibitors of tyrosine kinases of general Formula 1 are disclosed. Such inhibitors, which include *N*-[4-(3-chloro-4-floro-phenylamino)-7-(3-morpholin-4-yl-propoxy)-quinazolin-6-yl]-acrylamide, are useful for treating cancer, restenosis, atherosclerosis, endometriosis and psoriasis. The disclosed methods employ protecting schemes to minimize undesirable diacryloylamino-quinazoline side products.

$$R^{5}Z$$
 $II$ 
 $R^{5}Z$ 
 $II$ 
 $R^{2}$ 
 $R^{3}$ 
 $R^{3}$ 
 $R^{4}$ 
 $R^{5}Z$ 
 $II$ 
 $R^{6}$ 
 $R^{1}$ 
 $R^{1}$ 
 $R^{6}$ 
 $R^{1}$ 
 $R^{1}$ 
 $R^{1}$ 
 $R^{2}$ 
 $R^{3}$ 
 $R^{3}$ 
 $R^{3}$ 
 $R^{4}$ 
 $R^{5}Z$ 
 $R^{1}$ 
 $R^{1}$ 
 $R^{2}$ 
 $R^{3}$ 
 $R^{4}$ 
 $R^{5}Z$ 
 $R^{5}Z$ 

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